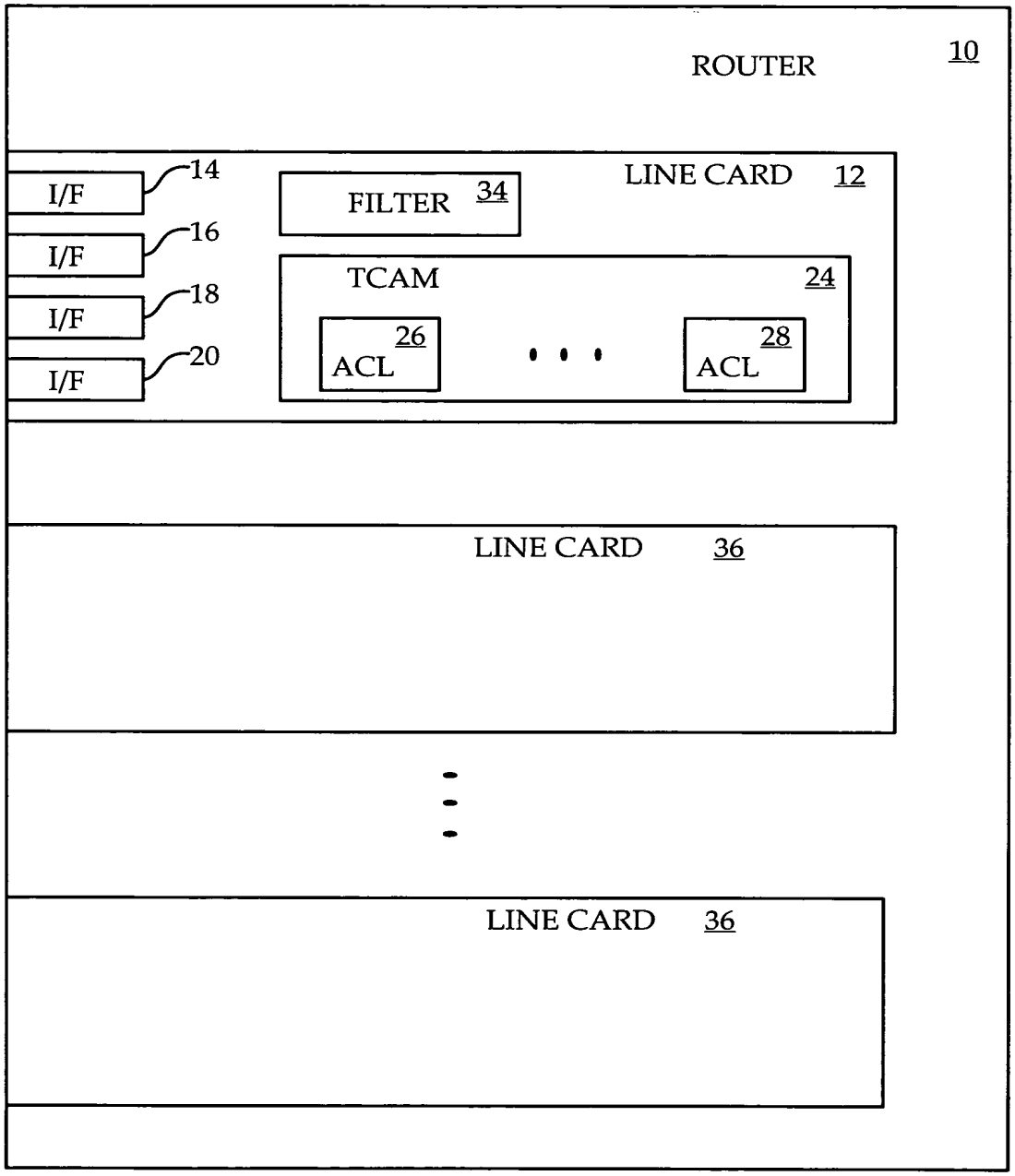
ROUTER
10
LINE CARD
12
I/F
14
I/F
16
I/F
18
I/F
20
FILTER
34
TCAM
24
ACL
26
ACL
28
LINE CARD
36
LINE CARD
36

FIG. 1

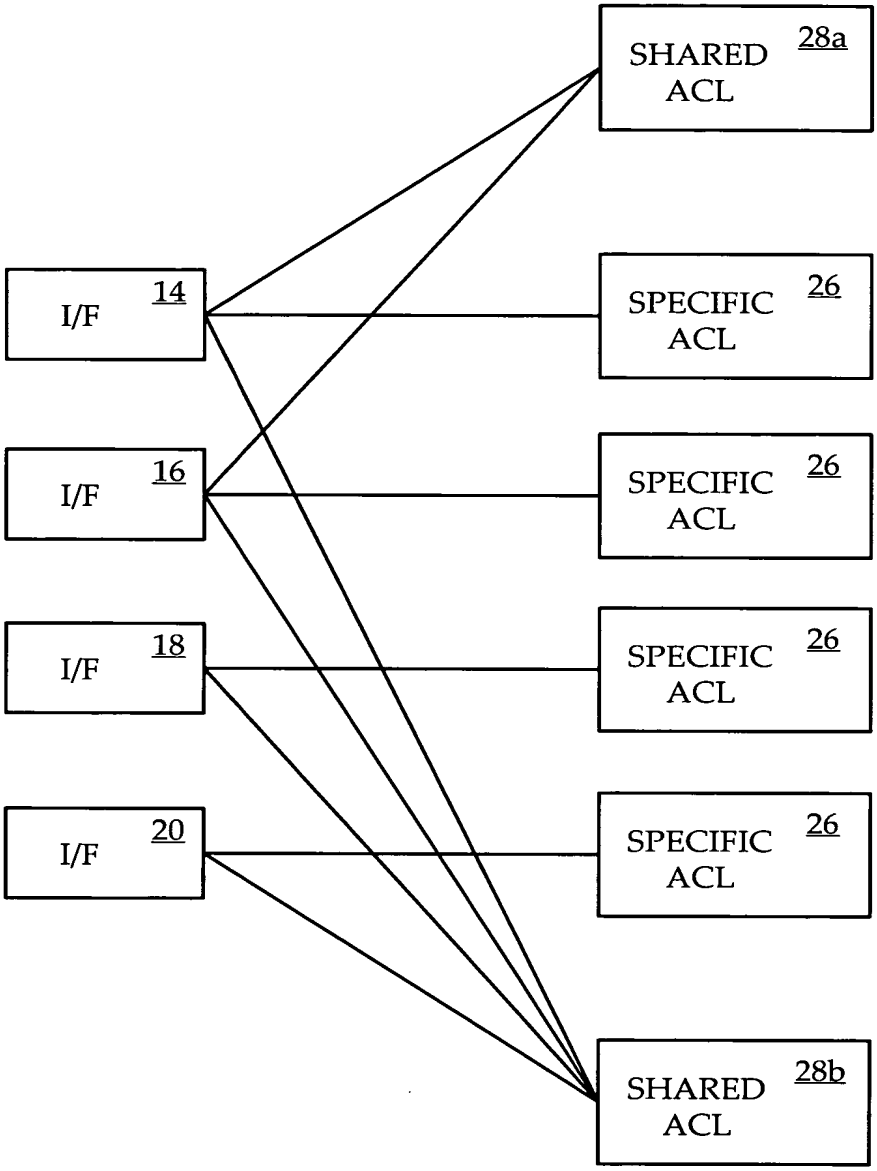
SHARED ACL
28a
I/F
14
SPECIFIC ACL
26
I/F
16
SPECIFIC ACL
26
I/F
18
SPECIFIC ACL
26
I/F
20
SPECIFIC ACL
26
SHARED ACL
28b

FIG. 2

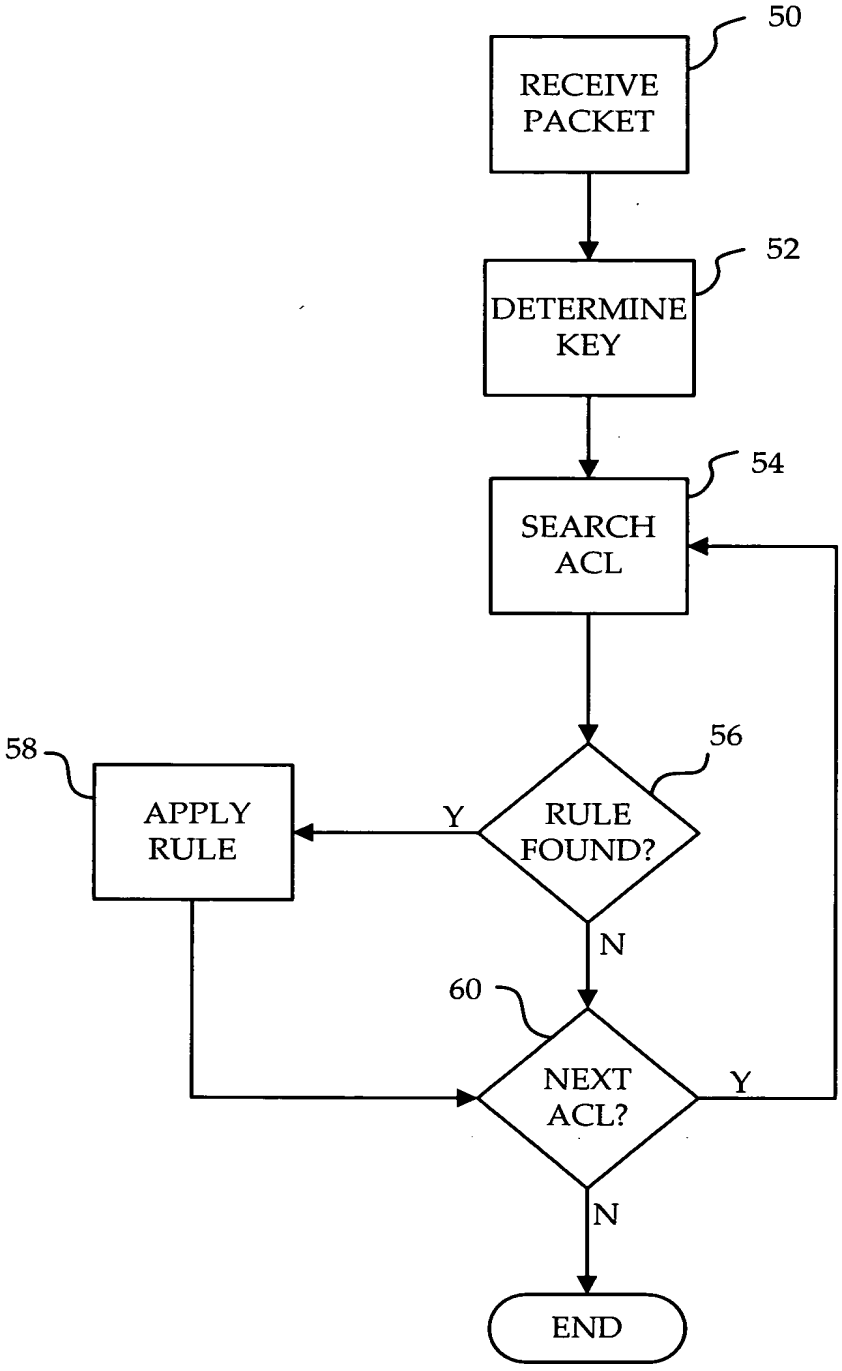
50
RECEIVE PACKET
52
DETERMINE KEY
54
SEARCH ACL
56
RULE FOUND?
Y
58
APPLY RULE
N
60
NEXT ACL?
Y
N
END

FIG. 3